HighPoint Technologies, Inc.

RocketStor SMART BackUp

User's Guide
v1.0

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1. Introduction to RocketStor SMART BackUp

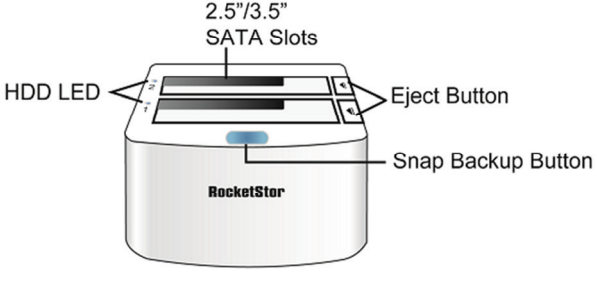
RocketStor's unique high performance and large storage capacity are suitable for multimedia editing systems, servers, databases, DVR data storage, 2D/3D animation, graphics and art drawing and data backup of systems, support Windows and Mac operating systems for desk top on the type of PC / Mac /laptop can be easy to use.

1.1 Kit Contents

The RocketStor SMART BackUp includes the following items:

- RocketStor SMART BackUp device
- Dual USB 3.0 cable
- Manual and CD
- Power adapter (Including the AC Power cord: CCC, EUR and US).

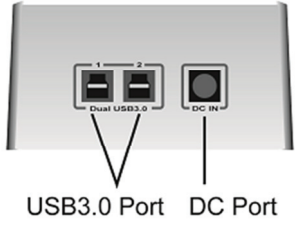
1.2 RocketStor SMART BackUp Hardware



2. Setting Up RocketStor SMART BackUp

2.1 Connecting USB cables

Connect the Type B USB Connectors to the back of the RocketStor USB device.



2.2 Power Adapter Installation

Installing the DC Power Plug:
Connect the power adapter to the DC Port found on the back of the RocketStor SMART BackUp device.

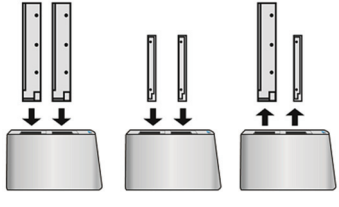
Installing the AC Power cord:
Connecting the AC Power cord to the Power Adapter and connecting the AC Power Plug to the Power Jack.

CCC is for Asia
EUR is for Europe
UL is for the United States

2.3SATA Drives Installation and Ejecting

Installation - Simultaneously install two 3.5''HDD or two 2.5''HDD/SDD

Ejecting - Hold the base of the RocketStor device and press the Eject Button. Gently remove the drive by pulling straight upwards.



3. RocketStor SMART BackUp Suite

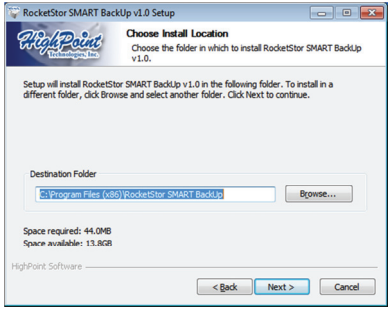
3.1 Introduction to RocketStor SMART BackUp Suite - Quickly and easily backup drives, folders and individual files with the RocketStor BackUp Software Suite. The intuitive, web-based interface provides a selection of backup schemes with intelligent data Management and Maintenance services.

3.2 Installation of RocketStor SMART BackUp Suite

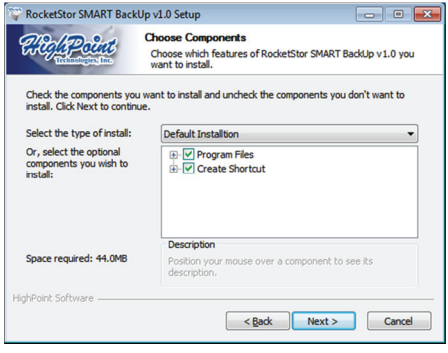
Step 1. Run the Setup program; then click Next to continue.

RocketStor SMART BackUp v1.0 Setup
HighPoint
Technologies, Inc.
Welcome to the RocketStor SMART BackUp v1.0 Setup Wizard
This wizard will guide you through the installation of RocketStor SMART BackUp v1.0.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

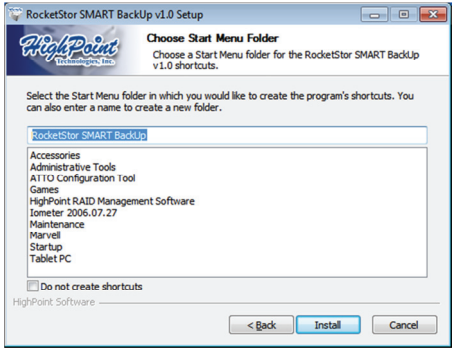
Step 2. Accept the installation agreement and specify the Destination Folder


RocketStor SMART BackUp v1.0 Setup
HighPoint
Technologies, Inc.
Choose Install Location
Choose the folder in which to install RocketStor SMART BackUp v1.0.
Setup will install RocketStor SMART BackUp v1.0 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\Program Files (x86)\RocketStor SMART BackUp
Browse...
Space required: 44.0MB
Space available: 13.8GB
HighPoint Software
< Back
Next >
Cancel

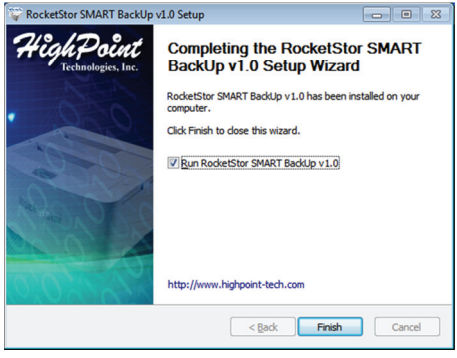
Step 3. Choose the components you wish to install:


RocketStor SMART BackUp v1.0 Setup
HighPoint Technologies, Inc.
Choose Components
Choose which features of RocketStor SMART BackUp v1.0 you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select the type of install:
Default Installtion
Or, select the optional components you wish to install:
Program Files
Create Shortcut
Description
Position your mouse over a component to see its description.
Space required: 44.0MB
HighPoint Software
< Back
Next >
Cancel

Step 4. Select "Start Menu" folder, follow the installation prompt, and select “Next”



Step 5. Allow the Setup Wizard to install the BackUp Suite and click "Finish" when prompted:



If you had unchecked the “Run RocketStor SMART BackUp” option before completing the installation procedure, double-click the Desktop shortcut to start the backup software. RocketStor SMART BackUp software utilizes a web-based interface.

Note:

1. The RocketStor SMART BackUp software requires a web browser with XML support such as Internet Explorer, Firefox or Chrome.

2. Please allow the Windows to change the following Firewall settings if needed.

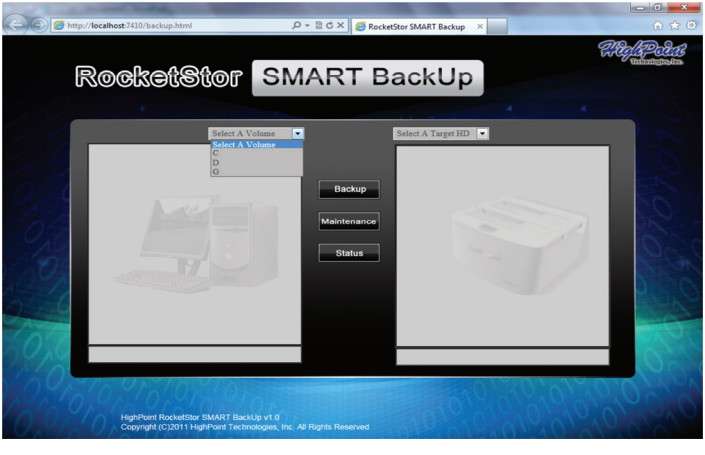
4. Getting Started

4.1 Summary screen of your storage. This screen provides a summary of your Local hard drive (source) and any hard drive attached to the RocketStor backup device.

Recent Operation will display information about any recent backup activities.
Language **Unicode** drop down menu is for changing the RocketStor SMART BackUp management software's language code for capable with various kinds system language.
*Click on the **Go to Manage** button to proceed.*

4.2 Using the Management Console has the source Volume and a Target HD.

Select A Volume has the drive letter with the file(s) and folders data that you want to backup.
Select A Target HD has the drive letter that saves all of the Backup Jobs.
Selecting A Volume – The drive letter from the drop down menu is the volume you select that has the file(s) and folders data that you want to backup.

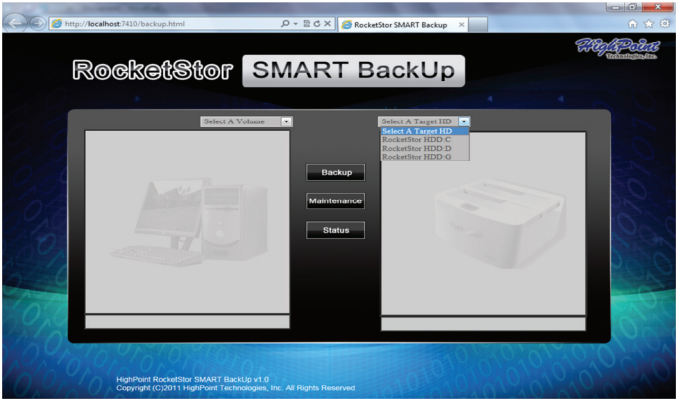


Selecting A Target HDD – The SMART Backup Suite will use the drive letter you select from this drop down for Backup Jobs.

4.3 Creating a Backing Up File(s) and Folders

After selecting the source drive (**drive C is shown in the below example)** you can select the file(s) and folders you wish to backup to the **Target RocketStor drive (drive D in the below example).**

Note: Selecting a folder in the root directory will automatically select all sub-folders. To backup individual files, you will need to expand the folder tab and choose the specific file you want to backup.



Click on **Create New**. A popup window will appear with information about the Backup Task,

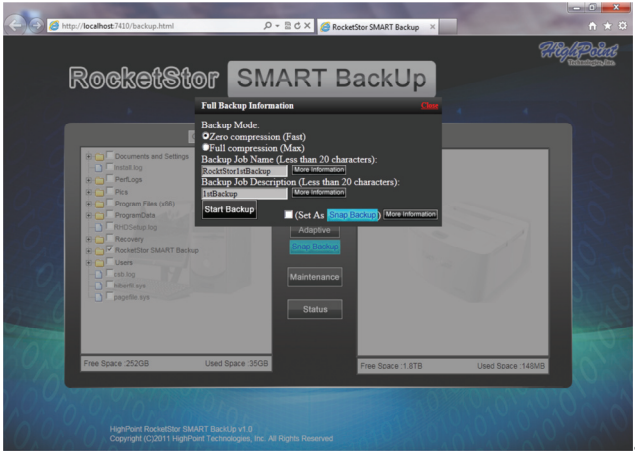
Full Backup: Backup all the files selected in the volume.

Note: You will need to start a Full backup for the first time backup operation. Select the folders of backup source on the left window and destination drive on the right widow.

Select the backup modes: Zero Compression or Full Compression

Zero Compression: Faster backup, minimum file compression ratio
Full Compression: Maximum file compression ratio, slow

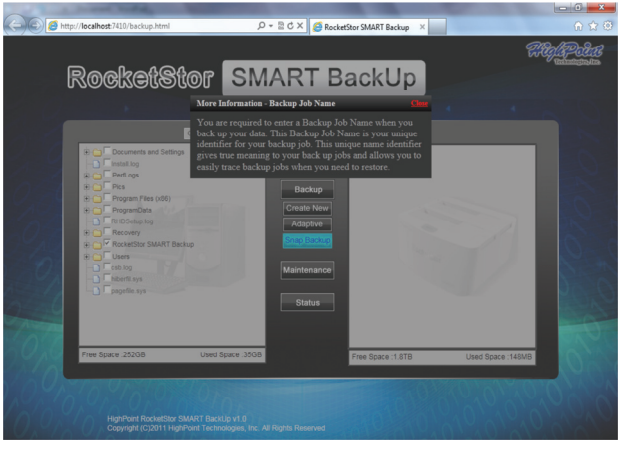
Name the backup job and click the “Start Backup” button. Optionally, you can check the “Set As Snap Backup” option if you want to set the backup task as the Snap Backup task (see section 6 for more information about the Snap Backup function).



4.4 Backup Job Name and Description

Backup Job Name – A Backup Job Name is required for all Backup Jobs. This Backup Job Name is a unique identifier for each backup job, and helps you easily identify and organize backup jobs for retrieval or deletion (see section 7 – Maintenance Features, for more information)..

Warning - If you do not input a Backup Name, you will be prompted to do so. (See the image below)


http://localhost:7410/backup.html
RocketStor SMART Backup
RocketStor
SMART BackUp
More Information - Backup Job Name
Close
You are required to enter a Backup Job Name when you back up your data. This Backup Job Name is your unique identifier for your backup job. This unique name identifier gives true meaning to your back up jobs and allows you to easily trace backup jobs when you need to restore.
Backup
Create New
Adaptive
Snap Backup
Maintenance
Status
Free Space :252GB
Used Space :35GB
Free Space :1.8TB
Used Space :149MB
HighPoint RocketStor SMART BackUp v1.0
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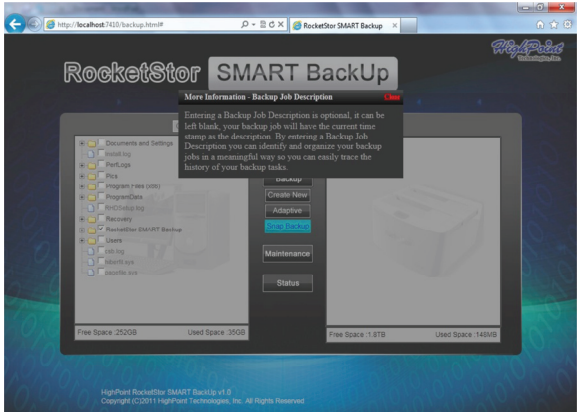
http://localhost:7410/backup.html#
RocketStor SMART Backup
RocketStor
SMART BackUp
More Information - Backup Job Description
Clear
Entering a Backup Job Description is optional, it can be left blank, your backup job will have the current time stamp as the description. By entering a Backup Job Description you can identify and organize your backup jobs in a meaningful way so you can easily trace the history of your backup tasks.
Create New
Adaptive
Snap Backup
Maintenance
Status
Free Space :252GB
Used Space :35GB
Free Space :1.8TB
Used Space :140MB
HighPoint RocketStor SMART BackUp v1.0
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Backup Job Name Warning - You are required to enter a Backup Job Name when you back up your data. This Backup Job Name is your unique identifier for your backup job. This unique name identifier give true meaning to your back up jobs and allows you to easily trace backup jobs when you need to restore.

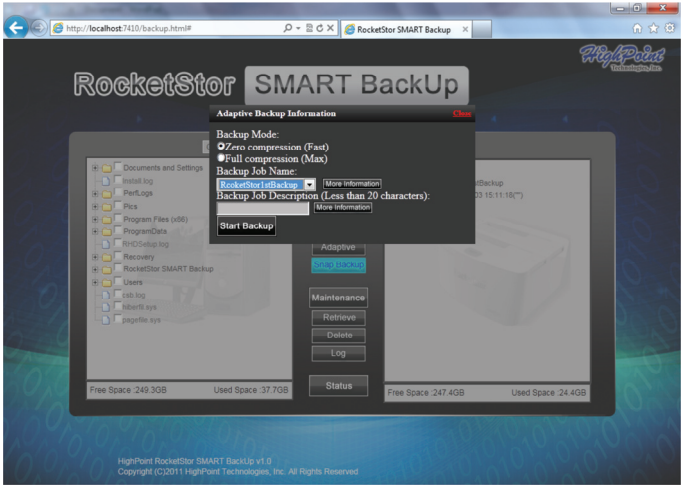
Backup Job Description – A Backup Job Description is optional. It can be left blank. The default Backup Job Description will be the current Date and Time. (See the image below))

5. Adaptive Backups

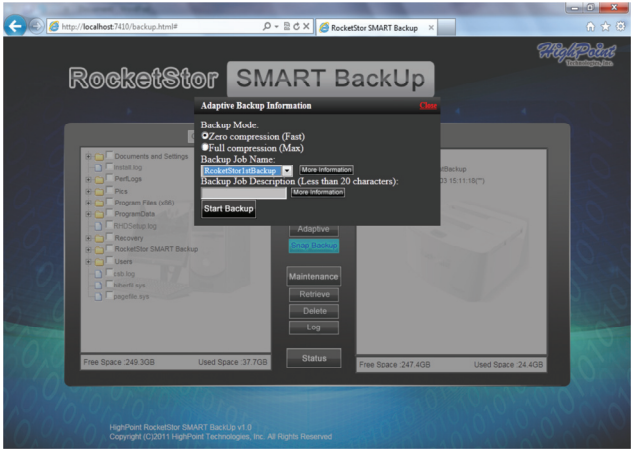
5.1 Intelligent Backup Jobs - Adaptive Backup gives you the flexibility to backup any files and folders that were changed from previous backup jobs. Select the Adaptive button to initiate the Adaptive Backup mode.

5.2 Setting up Adaptive Backups – The Adaptive backup requires that you specify the compression mode for the backup job.

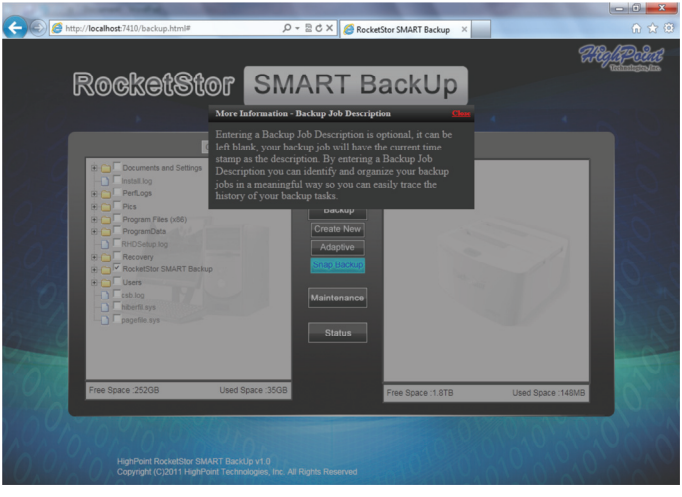
Select the backup modes: Zero Compression or Full Compression
Zero Compression: Faster backup, minimum file compression ratio
Full Compression: Maximum file compression ratio, slow



Backup Job Name: Next, select the previous Backup Job that to you want to add to the Adaptive Backup Job.

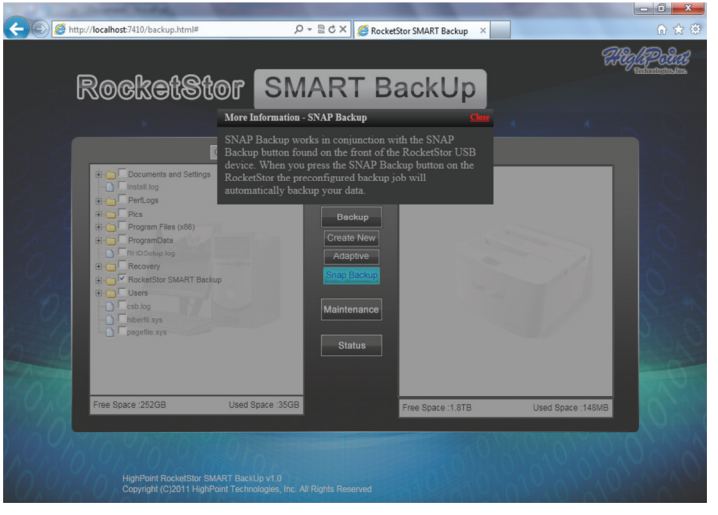


Backup Job Description – This field is optional, with the default setting being the current time stamp. The Backup Job Description allows you to provide a meaningful description to trace the changes in your adaptive backups. The description allows you to organize your backup tasks, in case you need to **Retrieve** files and folders from specific backup jobs at a later date (see section 7.1 – Retrieve, for more information).



6. Snap Backups

6.1 What is Snap Backup? Instant, hassle-free backup; press the Snap Backup button to immediately backup your drive.

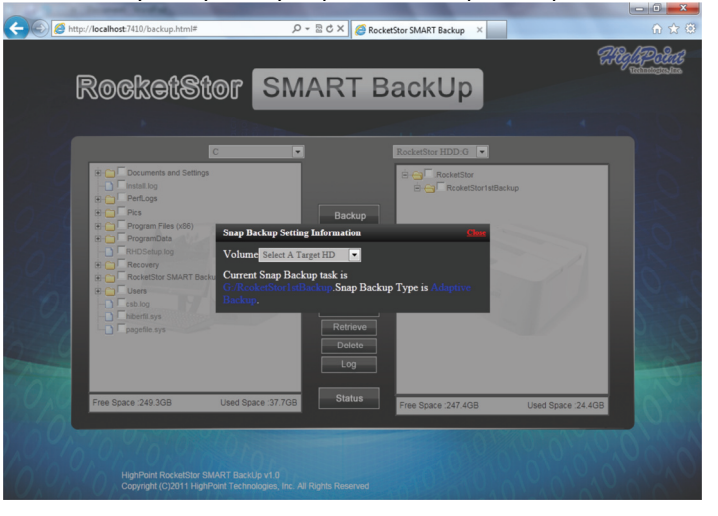


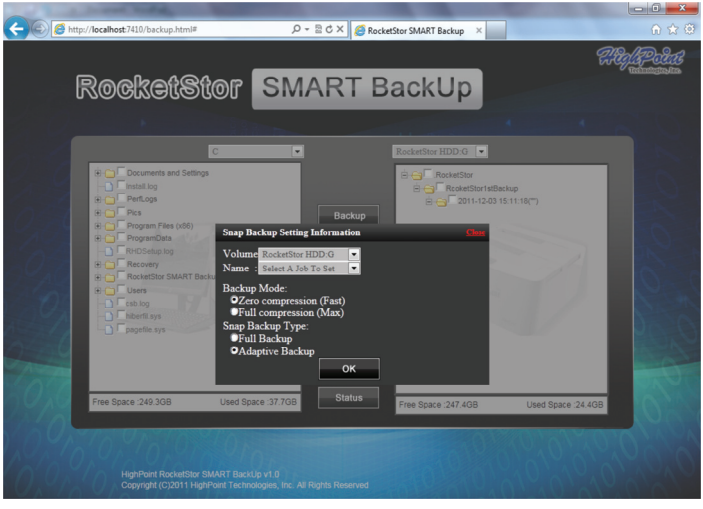
Snap Backup works in conjunction with the Snap Backup button found on the front of the RocketStor backup device.

When you press the Snap Backup button on the RocketStor, your preconfigured backup job will immediately start backing up your data.

6.2 Automatic backup with Snap Backups – Click on the Snap Backup button, then select the Target HDD.

Snap BackUp Setting Information – Choose the Snap Backup setting for you backup job. This action will be performed automatically every time you press the Snap Backup button.





Volume selects the target Volume
Name of the Backup Job

Select the Backup Modes
Zero Compression: Faster backup, minimum file compression ratio
Full Compression: Maximum file compression ratio, slow
Snap Backup Type
Full Backup to backup all files and folder(s)

Adaptive to backup modified files and folder(s) that were changed from the previous backup

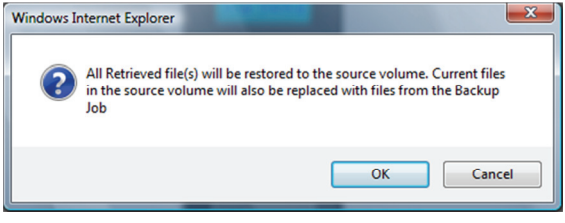
7. Maintenance Features

7.1 Retrieve – When you've accidentally deleted a file or changed a document but need the original, the **Retrieve** function will allow you retrieve that file or document at a specific time that you backed up that file. Expand the Maintenance tab by selecting it.

There will be three functions from the list. **Retrieve, Delete, Log**.

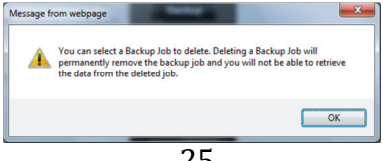
7.2 Retrieving a File - Click on the Retrieve button to begin retrieving the file(s) or folder at a specific time. You will need to select the Source volume to retrieve the file. You can search for the specific file and folder from the target volume that has the Backup Job.

Note: Retrieving will override every file in the Source volume. When using this feature, and there are files in the source volume that you do not want to override, you should only retrieve a specific file(s) from the folder.

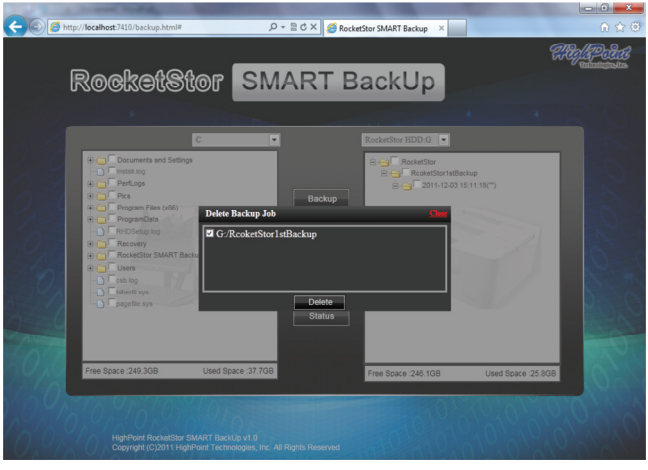

Windows Internet Explorer
All Retrieved file(s) will be restored to the source volume. Current files in the source volume will also be replaced with files from the Backup Job
OK
Cancel

7.3 Delete– All backup jobs are archived into drives attached RocketStor SMART Backup device. When it is time to delete older backup jobs, use the Delete button to delete backup jobs at a specific time.
Select the **Delete** button found in the Maintenance tab.

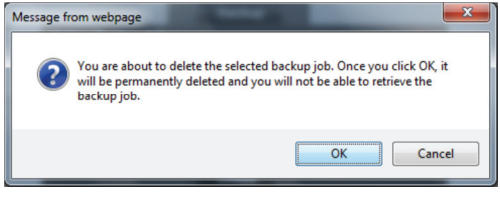
Next choose the Target HDD that has the Backup Job(s) that you want to delete.
Warning – Deleting a Backup Job will permanently remove the backup job. You will not be able to retrieve data from a deleted job.


Message from webpage
You can select a Backup Job to delete. Deleting a Backup Job will permanently remove the backup job and you will not be able to retrieve the data from the deleted job.
OK

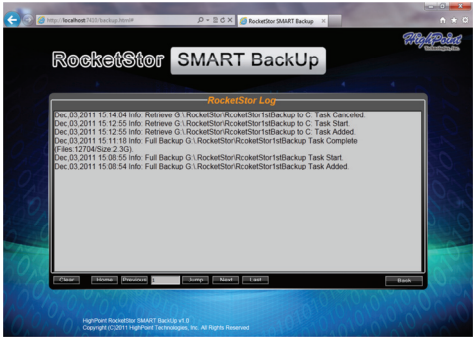
Select the Backup Job then click the Delete button.



Note: You still have the opportunity to Cancel the Delete task by clicking on the Cancel button.


Message from webpage
You are about to delete the selected backup job. Once you click OK, it will be permanently deleted and you will not be able to retrieve the backup job.
OK
Cancel

7.4 Log – The RocketStor Log will record and log all information related to any backup jobs or maintenance performed on the Target volumes attached to the RocketStor SMART Backup device. Once a task is completed, it will be recorded in the RocketStor Log with the Current Timestamp and status. When Backup Jobs are completed, information about the total number of files backed up, and the total capacity used by the backup job will be recorded to this log.


RocketStor
SMART BackUp
RocketStor Log
Dec.03.2011 15:14:04 Info: Retrieve G:\.RocketStor\RcoketStor1stBackup to C: Task Cancelled.
Dec.03.2011 15:12:55 Info: Retrieve G:\.RocketStor\RcoketStor1stBackup to C: Task Start.
Dec.03.2011 15:12:55 Info: Retrieve G:\.RocketStor\RcoketStor1stBackup to C: Task Added.
Dec.03.2011 15:11:18 Info: Full Backup G:\.RocketStor\RcoketStor1stBackup Task Complete
(Files:12704/Size:2.3G).
Dec.03.2011 15:08:55 Info: Full Backup G:\.RocketStor\RcoketStor1stBackup Task Start.
Dec.03.2011 15:08:54 Info: Full Backup G:\.RocketStor\RcoketStor1stBackup Task Added.
<Clear
Home
Previous
Jump
Next
Last
Back
HighPoint RocketStor SMART BackUp v1.0
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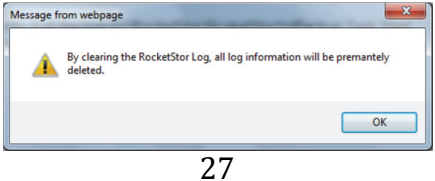
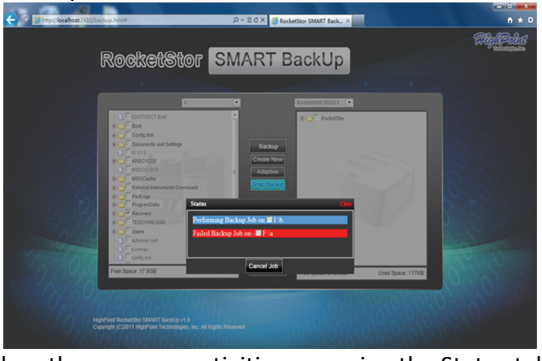
Warning – When you clear the RocketStor log, all information will be deleted.



8. Status

8.1 Status – When you need to check the Status of the Backup or Maintenance task, select the Status button from the dropdown menu of the Maintenance button.

When you have the option to cancel a Backup Job that has not finished when you are in Status.



Note: When there are no activities occurring the Status tab will tell you that there are no activities occurring.